

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of telephone call initiation via toolbar software executing with an Internet web browser on a computing device, the method comprising:

the toolbar software causing a toolbar to be displayed in the Internet web browser on the computing device;

the toolbar software identifying telephone numbers included in a web page requested by a user of the Internet web browser;

the toolbar software causing the Internet web browser to conspicuously display the identified telephone numbers when the web page is displayed;

the toolbar software recognizing activation by the user of one of the conspicuously displayed identified telephone numbers included in the web page as an activated telephone number;

the toolbar software sending a call initiation message over a data network to a switch instructing the switch to initiate a two leg telephone call over a public switched telephone network between a predefined telephone number and the activated telephone number in response to the recognizing, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone distinct from and proximate to the computing device that runs the Internet web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the activated telephone number is associated with a second telephone distinct from the computing device and distinct from the first telephone.

2. (Cancelled)

3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Previously presented) The method of claim 1 wherein the toolbar software requests the predefined telephone number during user registration with the toolbar software.
7. (Previously presented) The method of claim 1 wherein the toolbar software requests the predefined telephone number when a user logs in to the toolbar software.
8. (Previously presented) The method of claim 1 wherein the initiating comprises:
the toolbar software requesting a callback telephone number from the user and assigning the callback number as the predefined telephone number.
9. (Previously presented) The method of claim 1 further comprising:
the toolbar software receiving call status information;
the toolbar software providing the call status information to the user.
10. (Previously presented) The method of claim 9 wherein the providing comprises:
the toolbar software displaying the call status information in the toolbar.
11. (Original) The method of claim 1 wherein the toolbar includes a button to allow a user to turn the conspicuously displaying on and off.
12. (Original) The method of claim 1 wherein the toolbar includes a user interface item to allow a user to provide the predefined telephone number.
13. (Original) The method of claim 1 wherein the toolbar includes a user interface item to list the identified telephone numbers.

14. (Cancelled)

15. (Previously presented) The method of claim 1 wherein the call initiation message includes the predefined telephone number and the displayed telephone number.

16. (Cancelled)

17. (Cancelled)

18. (Previously presented) The method of claim 1 wherein the sending the call initiation message comprises:

the toolbar software opening a TCP connection to authenticate the user and start a session over the data network with a server.

19. (Previously presented) The method of claim 1 wherein the call initiation message comprises one or more HTTP requests.

20. (Previously presented) The method of claim 1 wherein the call initiation message comprises one or more SIP messages.

21. (Currently amended) A method of telephone call initiation via toolbar software executing with an Internet web browser on a computing device, the method comprising:

the toolbar software causing a toolbar pane to be displayed in the Internet web browser on the computing device;

the toolbar software intercepting web page data directed to the Internet web browser;

the toolbar software scanning the web page data for associated data items included in an address book stored on the computing device and included with or accessible to the toolbar;

the toolbar software identifying the associated data items found in the web page data as found data items;

the toolbar software pairing a telephone number from the address book with each of the found data items;

the toolbar software preparing a list of found data items and corresponding telephone numbers for the web page;

the toolbar software altering the normal display of the found data items to make the found data items conspicuous on a web page in which the data is included;

the toolbar software recognizing the activation of one of the found data items;

the toolbar software sending a call initiation message over a data network to a switch instructing the switch to initiate a telephone call over a public switched telephone network between a predefined telephone number and the telephone number corresponding to an activated found data item, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone distinct from and proximate to a computing device that runs the Internet web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the telephone number corresponding to the activated found data item is associated with a second telephone distinct from the computing device and distinct from the first telephone.

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Previously presented) The method of claim 21 wherein the toolbar software requests the predefined telephone number during user registration with the toolbar software.

27. (Previously presented) The method of claim 21 wherein the toolbar software requests the predefined telephone number when a user logs in to the toolbar software.
28. (Previously presented) The method of claim 21 wherein the initiating comprises:
the toolbar software requesting a callback telephone number from the user and assigning the callback number as the predefined telephone number.
29. (Previously presented) The method of claim 21 further comprising:
the toolbar software receiving call status information
the toolbar software displaying the call status information in the toolbar pane.
30. (Previously presented) The method of claim 21 wherein the toolbar pane includes a user interface item to allow a user to set the altering of the found data items in the web page to be on and off.
31. (Previously presented) The method of claim 21 wherein the toolbar pane includes a user interface item to allow a user to provide the predefined telephone number.
32. (Previously presented) The method of claim 21 wherein the toolbar pane includes a user interface item to list the found data items.
33. (Currently amended) A method of telephone call initiation via toolbar software executing with an Internet web browser on a computing device, the method comprising
the toolbar software intercepting web page data for a web page directed to the Internet web browser;
the toolbar software causing a toolbar pane to be displayed in the Internet web browser on the computing device;
the toolbar software scanning the web page data for telephone numbers and associated data;

the toolbar software identifying telephone numbers in the web page data as identified telephone numbers;

the toolbar software identifying associated data in the web page data as identified associated data;

the toolbar software altering the normal display of the identified telephone numbers and the identified associated data included in the found items list to make the identified telephone numbers and the identified associated data conspicuous on the web page;

the toolbar software recognizing the activation of one of the identified telephone numbers or one of the identified associated data as an activated item;

the toolbar software sending a call initiation message over a data network to a switch instructing the switch to initiate a two leg telephone call over a public switched telephone network between a predefined telephone number and a telephone number corresponding to the activated item in response to the recognizing, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone distinct from and proximate to the computing device that runs the Internet web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the telephone number corresponding to the activated item is associated with a second telephone distinct from the computing device and distinct from the first telephone.

34. (Previously presented) The method of claim 33 wherein the toolbar pane includes a user interface item to allow a user to set the altering of the identified telephone numbers and the identified associated data in the web page to be on and off.

35. (Previously presented) The method of claim 33 wherein the toolbar pane includes a user interface item to allow a user to provide the predefined telephone number.

36. (Previously presented) The method of claim 33 wherein the toolbar pane includes a user interface item to list the identified telephone numbers and the identified associated data.

37. (Currently amended) A method of telephone call initiation via toolbar software executing with an Internet web browser on a computing device, the method comprising:

the toolbar software causing a toolbar pane to be displayed in the Internet web browser on the computing device;

the toolbar software identifying telephone numbers included in a web page requested by a user of a web browser;

the toolbar software conspicuously displaying the identified telephone numbers when displaying the web page;

the toolbar software providing a list of all identified telephone numbers via the toolbar pane;

~~either~~

the toolbar software receiving a user selection of one of the identified telephone numbers from the list as an activated telephone ~~number, or~~ number;

~~the toolbar software recognizing activation by the user of one of the conspicuously displayed identified telephone numbers included in the web page as the activated telephone number;~~

the toolbar software sending a call initiation message over a data network to a switch instructing the switch to initiate a two leg telephone call over a public switched telephone network between a predefined telephone number and the activated telephone number in response to the recognizing or the receiving, wherein the predefined telephone number is an Internet web browser user telephone number associated with a first telephone distinct from and proximate to the computing device that runs the Internet web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the activated telephone number is associated with a second telephone distinct from the computing device and distinct from the first telephone.

38. (Currently amended) A method of telephone call initiation via toolbar software executing with an Internet web browser on a computing device, the method comprising:

the toolbar software causing a toolbar pane to be displayed in the Internet web browser on the computing device;

the toolbar software intercepting web page data for a web page directed to the web browser;

the toolbar software scanning the web page data for telephone numbers;

the toolbar software identifying telephone numbers in the web page data as identified telephone numbers;

the toolbar software looking up the identified telephone numbers in an address book stored on the computing device to create a found telephone numbers list;

the toolbar software altering the normal display of at least one of the found telephone numbers to make the found telephone number conspicuous on the web page in which the found telephone number is included;

the toolbar software recognizing activation of one of the found telephone numbers;

the toolbar software sending a call initiation message over a data network to a switch instructing the switch to initiate a telephone call over a public switched telephone network between a predefined telephone number and an activated found telephone number in response to the recognizing, wherein the predefined telephone number is an Internet web browser user telephone number associated with a first telephone distinct from and proximate to the computing device that runs the Internet web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the activated telephone number is associated with a second telephone distinct from the computing device and distinct from the first telephone.

39. (Previously presented) The method of claim 38 wherein the address book is prepared by a personal information manager included in the toolbar software.

40. (Previously presented) The method of claim 38 wherein the address book is prepared by an application program external to the toolbar software and the web browser.

41. (Currently amended) A computing device comprising computer software distinct from a web browser and to operate as a toolbar in the web browser, the computer software having instructions for causing the computing device to perform operations comprising:

identifying telephone numbers included in a web page requested by a user of the web browser;

conspicuously displaying the identified telephone numbers when the web page is displayed;

recognizing activation by the user of one of the conspicuously displayed identified telephone numbers included in the web page as an activated telephone number;

sending a call initiation message over a data network to a switch instructing the switch to initiate a two leg telephone call over a public switched telephone network between a predefined telephone number and the activated telephone number in response to the recognizing, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone independent from and proximate to the computing device that runs the web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone network, and wherein the activated telephone number is associated with a second telephone independent from the computing device and distinct from the first telephone.

42. (Cancelled)

43. (Cancelled)

44. (Cancelled)

45. (Cancelled)

46. (Previously presented) The computing device of claim 41 wherein the toolbar includes a button to allow a user to turn the conspicuously displaying on and off.

47. (Previously presented) The computing device of claim 41 wherein the toolbar includes a user interface item to allow a user to provide the predefined telephone number.

48. (Previously presented) The computing device of claim 41 wherein the toolbar includes a user interface item to list the identified telephone numbers.

49. (Currently amended) A computing device comprising computer software distinct from a web browser and to operate as a toolbar in the web browser, the computer software having instructions for causing the computing device to perform operations comprising:

- intercepting web page data directed to the web browser;
- scanning the web page data for associated data items included in an address book stored on the computing device and included with or accessible to the toolbar;
- identifying the associated data items found in the web page data as found data items;
- pairing a telephone number from the address book with each of the found data items;
- preparing a list of found data items and corresponding telephone numbers for the web page;
- altering the normal display of the found data items to make the found data items conspicuous on a web page in which the found data is included;
- recognizing the activation of one of the found data items;
- sending a call initiation message over a data network to a switch instructing the switch to initiate a telephone call over a public switched telephone network between a predefined telephone number and the telephone number corresponding to an activated found data item, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone independent from and proximate to a computing device that runs the web browser, wherein the first telephone is a cellular telephone coupled with the public switched telephone

telephone network, and wherein the telephone number corresponding to the activated found data item is associated with a second telephone independent from the computing device and distinct from the first telephone.

50. (Cancelled)

51. (Cancelled)

52. (Cancelled)

53. (Previously presented) The computing device of claim 49 further comprising:
requesting a callback telephone number from the user and assigning the callback number as the predefined telephone number.

54. (Previously presented) The computing device of claim 49 wherein the toolbar includes a user interface item to allow a user to set the altering of the found data items in the web page to be on and off.

55. (Previously presented) The computing device of claim 49 wherein the toolbar includes a user interface item to allow a user to provide the predefined telephone number.

56. (Previously presented) The computing device of claim 49 wherein the toolbar includes a user interface item to list the found data items.

57. (Currently amended) A computing device comprising computer software distinct from a web browser and to operate as a toolbar in the web browser, the computer software having instructions for causing a processor to perform operations comprising:

- intercepting web page data for a web page directed to the web browser;
- scanning the web page data for telephone numbers and associated data;
- identifying telephone numbers in the web page data as identified telephone numbers;

identifying associated data in the web page data as identified associated data;
altering the normal display of the identified telephone numbers and the identified associated data included in the found items list to make the identified telephone numbers and the identified associated data conspicuous on the web page;

recognizing the activation of one of the identified telephone numbers or one of the identified associated data as an activated item;

sending a call initiation message over a data network to a switch instructing the switch to initiate a two leg telephone call over a public switched telephone network between a predefined telephone number and a telephone number corresponding to the activated item in response to the recognizing, wherein the predefined telephone number is a web browser user telephone number associated with a first telephone independent from and proximate to the computing device that runs the web browser, wherein the first telephone is a web browser coupled with the public switched telephone network, and wherein the telephone number corresponding to the activated item is associated with a second telephone independent from the computing device and distinct from the first telephone.

58. (Previously presented) The computing device of claim 57 wherein the toolbar includes a user interface item to allow a user to set the altering of the identified telephone numbers and the identified associated data in the web page to be on and off.

59. (Previously presented) The computing device of claim 57 wherein the toolbar includes a user interface item to allow a user to provide the predefined telephone number.

60. (Previously presented) The computing device of claim 57 wherein the toolbar includes a user interface item to list the identified telephone numbers and the identified associated data.